



# CG-44H

TRANSPARENT CIGARETTE GRADE, BOTH SIDE HEAT SEALABLE BOPP FILM FOR PACK-OVERWRAP

## Description

Transparent 5 Layers Both Side Heat Sealable, Non Treated, High Speed BOPP Film with excellent optical properties especially designed for Cigarette Inner-Pack over wrapping.

## Applications

Cigarette Inner-Pack overwrap film for high speed machinability.

## Characteristics

- Excellent Hot-Tack and Seal Strength
- Very Low Static
- Excellent Slip Properties
- High Thermal Shrinkage
- High Surface Gloss and Transparency
- Excellent Machinability
- Excellent Mechanical Properties

### INSTRUCTIONS

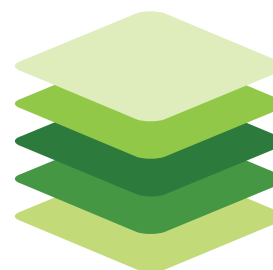
- o Properties other than treatment are guaranteed for 6 months from the date of production.
- o Film should be allowed to reach operating room temperature 24 hours before use.
- o Whilst every endeavour will be made to supply material in accordance with the quality of sample submitted or quoted for but guarantee can only be given for broad parameter compliance.
- o It is recommended that stock should be used on a first-in, first-out basis.



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### TECHNICAL DATA SHEET

PROPERTIES	CG-44H	UNITS		TEST CONDITIONS
PHYSICAL				
Thickness	20	μ		Internal Test Method
Grammage	18.20	gm/m²		
Yield	54.95	M²/Kg		
OPTICAL				
Haze	2.1	%		ASTM D1003
Gloss at 45° Angle	95	%		ASTM D2457
MECHANICAL				
Dynamic C.O.F	≤ 0.25	-		ASTM D1894
Tensile Strength at Break	16	Kgf/mm²	Machine Direction	ASTM D882
	30	Kgf/mm²	Transverse Direction	
Elongation at Break	150	%	Machine Direction	ASTM D882
	50	%	Transverse Direction	
THERMAL				
Heat Shrinkage	5	%	Machine Direction	IPAK 120°C/05 min
	5	%	Transverse Direction	
Heat Seal Range	115-140	°C		IPAK 1 Bar 1 Sec
Heat Seal Strength	190	gm/cm		IPAK 1 Bar 1 Sec at 130 °C
BARRIER				
Water Vapour Permeability	6	gm/m²/24 Hrs		ASTM F1249 38 °C, 90% RH
Oxygen Permeability	1500	cc/m²/24 Hrs		ASTM D3985 23 °C, 0% RH



Outside Sealable Layer  
Intermediate Layer 1  
Core Layer  
Intermediate Layer 2  
Inside Sealable Layer